



M45 Aircrew Chemical-Biological Mask System

Description: The M45 Aircrew Mask provides a microphone pass-through for aircraft communications, a drink tube pass-through for liquid nutrients, close-fitting eye lenses, front and side voice-miters for face-to-face and phone communications, low-profile canister inter-operability hose assembly for both hose and face-mounted configurations, and interchangeable nose-cups mounted in a silicone rubber facepiece with an in-turned peripheral seal. The M45 Aircrew Mask provides respiratory, eye, and face protection. It replaces the Army's M24 and M49 Mask System. The mask provides the required chemical and biological protection without the aid of forced-ventilation air, while maintaining compatibility with rotary-wing aircraft sighting systems and night vision devices.

Mission: Protect aircrew personnel against all known chemical and biological agents and radiological particulate.

User: U.S. Army Aviator, Land Warrior, and JSOC.

Capabilities:

- Compatible with aviation systems
- Drinking capability

Improvements over Currently Fielded Systems:

- Reduced weight
- Reduced logistics burden
- Improved vision correction
- Eliminates blower (M49)



For additional information, please contact Program Director-Respiratory Protection, ATTN: AMSSB-PM-RNN-P, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.respiratory@sbccom.apgea.army.mil), by telephone at (410) 436-1776 or DSN 584-1776, or by fax to (410) 436-4184.